



## Converting customary and metric units

---

### Grade 5 Measurement Worksheet

Convert these measurements to the metric units shown.

- 81 in = \_\_\_\_\_ km
- 28 ft = \_\_\_\_\_ cm
- 81 in = \_\_\_\_\_ m
- 40 oz = \_\_\_\_\_ g
- 64 fl oz = \_\_\_\_\_ l
- 30 ft = \_\_\_\_\_ mm
- 92 pt = \_\_\_\_\_ ml
- 75 oz = \_\_\_\_\_ mg
- 37 fl oz = \_\_\_\_\_ ml
- 91 qt = \_\_\_\_\_ ml

Convert these measurements to the customary units shown.

- 89 km = \_\_\_\_\_ in
  - 65 cm = \_\_\_\_\_ ft
  - 54 m = \_\_\_\_\_ in
  - 25 g = \_\_\_\_\_ oz
  - 81 l = \_\_\_\_\_ fl oz
  - 34 mm = \_\_\_\_\_ ft
  - 64 ml = \_\_\_\_\_ pt
  - 58 mg = \_\_\_\_\_ oz
  - 22 ml = \_\_\_\_\_ fl oz
  - 92 ml = \_\_\_\_\_ qt
-



## Converting customary and metric units

---

### Grade 5 Measurement Worksheet

Convert these measurements to the metric units shown.

1. 81 in = 0.002 km
2. 28 ft = 853.440 cm
3. 81 in = 2.057 m
4. 40 oz = 113.398 g
5. 64 fl oz = 1.893 l
6. 30 ft = 9,144.000 mm
7. 92 pt = 43,532.236 ml
8. 75 oz = 212,621.423 mg
9. 37 fl oz = 1,094.221 ml
10. 91 qt = 86,118.118 ml

Convert these measurements to the customary units shown.

11. 89 km = 3,503,937.008 in
  12. 65 cm = 2.133 ft
  13. 54 m = 2,125.984 in
  14. 25 g = 0.882 oz
  15. 81 l = 2,738.936 fl oz
  16. 34 mm = 0.112 ft
  17. 64 ml = 0.135 pt
  18. 58 mg = 0.002 oz
  19. 22 ml = 0.744 fl oz
  20. 92 ml = 0.097 qt
-